

Chemical Protective Coverall

Standards Complied:

- ASTM F739 – Permeation resistance against chemicals
- EN 14605 – Protective clothing against liquid chemicals
- ISO 16602 – Protective clothing against liquid chemicals

1. Product Overview:

A fully encapsulated chemical protective suit designed for industrial, laboratory, and decontamination applications. Integrated with gloves, boots, and a hood to offer complete body protection from hazardous chemicals, biological agents, and toxic gases.



2. Material Composition:

- Outer Layer: High-density PVC (Polyvinyl Chloride) or multi-layer synthetic polymer.
- Zipper: Chemically sealed, heavy-duty, waterproof front zipper with storm flap.
- Seams: High-frequency welded seams (no stitching) for 100% leak resistance.

3. Technical Specifications:

Protection Level Chemical, biological, liquid, and gas-resistant

Liquid Resistance 100% waterproof

Chemical Resistance Compliant with EN 374 – high resistance to acids, solvents, oils

Color Dark green (other colors on request)

Weight 2.0 – 2.5 kg depending on size

Flame Resistance Yes

Zipper Location Front vertical (centered), sealed

4. Recommended Applications:

- Chemical plants and refineries
- Hazardous waste cleanup
- Emergency response (HAZMAT teams)
- Biotech & pharmaceutical labs
- Pesticide handling
- Petrochemical industry
- Water and sewage treatment

5. Care & Maintenance:

- Rinse thoroughly with cold water and mild detergent after use
- Avoid bleach or harsh chemicals
- Hang to dry in shade, away from heat sources
- Inspect gloves, boots, and seams for wear or damage before every use

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